

Data Description for Davis Pond Meter Square Oyster Data

General: The Louisiana Department of Wildlife and Fisheries conducts an annual estimate of the density of seed size oysters (1-3 inches) and sack size oysters (>3 inches) on the public oyster reefs in Hackberry Bay in the Barataria Estuary. After the boat is positioned at the coordinates of a sampling station, a frame measuring one square meter is thrown overboard. A SCUBA-equipped diver then collects all oysters encompassed by the frame. The frame is tossed overboard up to three times to take replicate samples at each of 3 locations, shown in Map 2003-02-0276.

Data Column Descriptions:

Station: The table below gives the geographic coordinates for the three locations. Some of the early observations at Station 1 carry alphanumeric designations such as "1B", "1C", "1L", etc. The letters reflect an early experiment with cultch type that was discontinued.

Station	Description	Latitude	Longitude
1	Upper Hackberry Reefs	29° 25' 24"	90° 01' 36"
2	Middle Hackberry Reefs	29° 24' 06"	90° 01' 48"
3	Lower Hackberry Reefs	29° 23' 30"	90° 03' 00"

Date: mm/dd/yyyy

Rep: Up to three replicate measurements are made at each station. That is, the m² frame is thrown overboard up to three times.

Total Live Oysters: This is the sum of the live seed size and sack size oysters counted in the one square meter sample.

Total Dead Oysters: This is the sum of the dead seed size and sack size oysters counted in the one square meter sample.

Live Oysters (1-3 inches): This is the number of live seed size oysters counted inside the frame.

Live Oysters (>3 inches): This is the number of live sack size oysters counted inside the frame.

Dead Oysters (1-3 inches): This is the number of dead seed size oysters counted inside the frame.

Dead Oysters (>3 inches): This is the number of dead sack size oysters counted inside the frame.